

HAVAS, M.; SZEMMARY, L.; STEINCINGER, J.

Comparative examination of the abrasion resistance of velvet coat fabrics. p. 400.

MAGYAR TEXTILTECHNIKA, (Textilipari Muszaki es Tudomanyos Egyesulet) Budapest, Hungary, Vol. 10, no. 11/12, Dec. 1958.

Monthly list of East European Accessions (EDAI), IC, Vol. 8, No. 8, August 1959. Uncla.

1. 第三十二 - 共同的 对自由的 1995年18日 1996年18日 1995年18日 1995年18日 1995年18日 1995年1995年1995年1995年18日 1995年1995年18日 1995年18日 1995年18年18日 1995年18日 1995年18日 1995年18日 1995年18日 1995年18日 1995年18日 1995年

HAVAS, Miklos, okl. gepeszmernok

Effect of the intensity of wet processing on the dimensional change of cotton-type fabrics. Magy textil 14 no.3:119-122 Mr '62.

1. KERMI.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617920005-1"

HAVAS, Miklos, okleveles gepeszmernek

Effect of steaming on the main properties of synthetic resinterated crease resistant rayon fabrics. Magy textil 16 no. 6: 263-271 Je '64.

1. MERT Quality Control Enterprise.

द्रमहानुसान्त्रकार्यस्य स्वयंत्रकार्याः । स्वयंत्रकार्याः स्वयंत्रकार्याः स्वयंत्रकार्याः स्वयंत्रकार्याः स्वयं

HAVAS, Ottone

Manpower economy, instruction, vocational guidance. Munka szemle
8 no.12:28-32 D 164.

HAVAS, Peter

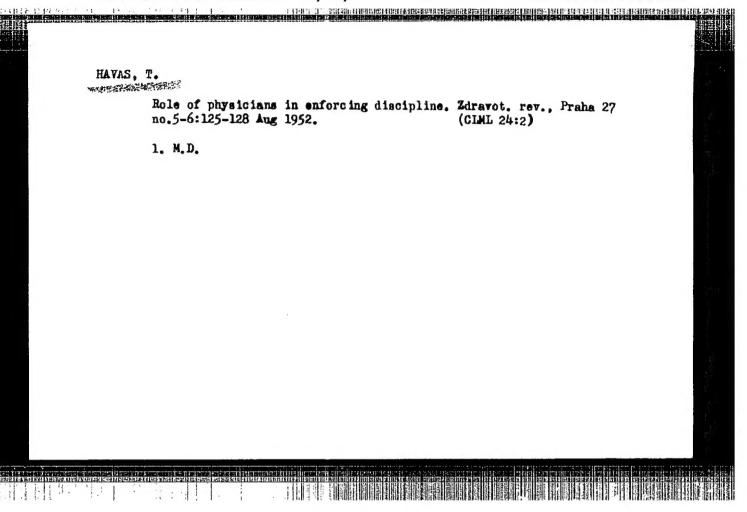
The use of input-output tables in the calculation of export

economy. Stat szemle 38 no.4:352-363 Ap '60.

HAVAS, R.; DIMITRIU, M.; COHN, J.

Serpasil treatment in chorea minor. Rumanian M. Rev. 1 no.4:40
Oct-Dec 57.

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reserping in chorea minor)
(RESERPING, ther. use
chorea minor)



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T. HATAS

"How could we increase the fulfillment of the plan in our comal mines through improving accident prevention and anitary conditions?" p. 11. (IARSADALCHBIZICSITAS ES MUNKAVEDLEM, Vol. 5, no. 1/2, Jan./Feb. 1953, Budpaest, Hung.ry.)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, Jyly 1953, Uncl.

HAVAS, Tibor, dr.

Drugs are saving lives, do not waste them. Munka 5 no.9:42-44 S 155.

1. Szakszervezetek Orszagos Tanacsa Tarsakalombiztositasi Foosztalya Egeszsegugyi Osztalyanak vezetoje.

WEJSZ, 1.; HAVAS, Z

Preparation and properties of trimethylatelyl ethers of some steroids. Acta phys chem Szeged lo no.? Z.; loc. 106 '64.

1. Institute of Organic Chemistry of Attila Jozsef Eniversity, Szeged.

HAVASI, Bela

Product and production development at the Diosgyor Iron, Stell and Machine Factory. Ujit lap 12 no.4:9 25 F 160.

1. Diosgyori Vas-, Acel- es Gepgyar fomernoke.

RENYI-VAMOS, F., Dr. CSATA, S., Dr. HAVASI, Sy., Dr. TOTH, M., Dr. Medical University of Budapest, Urological Clinic (director: BABICS, Antal, Dr.) (Budapesti Orvostudomanyi Egyetem, Urologiai Klinika).

"The Hepatorenal Syndrome."

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Eudapest, Orvosi Hetilap, Vol 107, No 41, 9 Oct 66, pages 1926-1928.

Abstract: [Authors' Fungarian summary] 1) Justifications for the "hepatorenal syndrome" designation are examined using the data of the oligo-anuric
pathent material of the hemodialysis section of the Urological Clinic.
1) It was found that liver lesion or jaundice is often found simultaneously
with oligo-anuria. The relationship between the two processes could be
elucidated in every case; such correlations which would have confirmed the
presence of a special liver toxin as the cause of the renal damage could not
be demonstrated, however. 3) The hepatorenal-syndrome designation is thought
to be incorrect and the use of the term unjustified. 2 Hungarian, 6 Western

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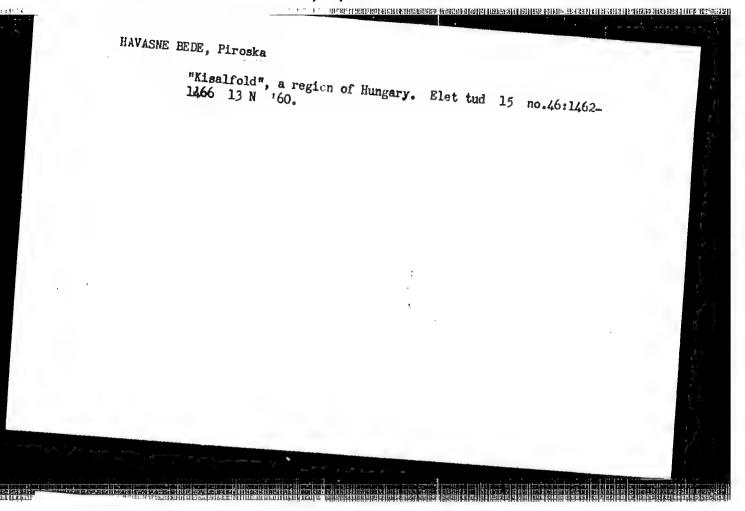
HAVASI, M.; PROPPER, J.

Examination of textiles mixed with cotton, vicose synthetic fibers, and cotton synthetic fibers which have been repeatedly washed and boiled. p. 145. MAGYAR TEXTILECHNIKA. Budapest No. 4, April 1956.

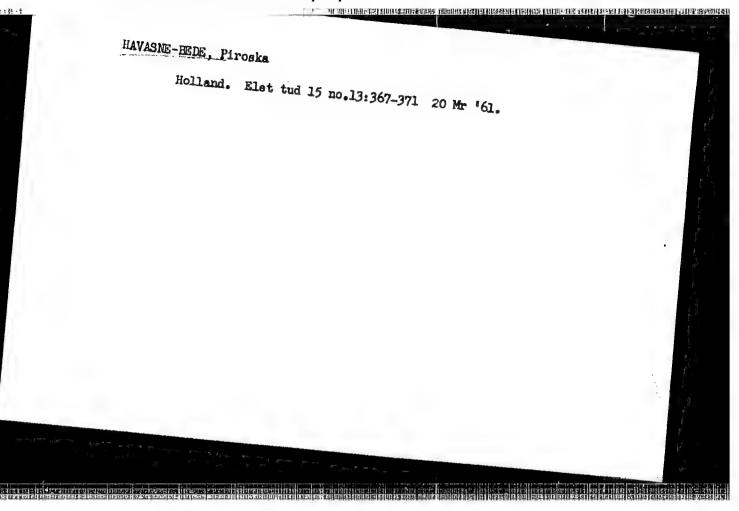
SOURCE: East European Accessions List, (ERAL) Library of Congress, Vol. 5, No. 8, August, 1956.

HAVASNE BEDE, Piroska

In the heart of Slovakia: The Low Tatra. Elet tud 19 no.31: 1462-1467 31 J1 '64.



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CZECHOSLOVAKIA

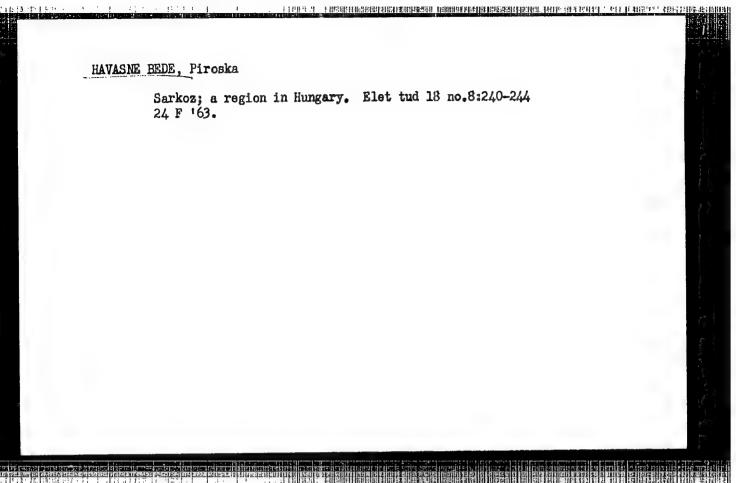
Col Dea HAVASOVA-ALTRICHTEROVA, Chief (nacelcice) Outpatient Section of Internal Medicine, Central Military Hospital (Ustredni vojenska nemocnice.)

"Hypertensive Discase in Drafted Soldiers and Problems of Evaluating It."

Prague, Vojenske Zdravotnicke Listy, Vol 31, No 3, Jun 52; pp 98-103.

Abstract [English summary modified]: Thorough discussion of hypertensive disease and its precursor stage, neurocirculatory asthenia; found in 413 persons 1956-1958, all but 56 younger than 24. Analysis of the symptoms, relationship to service; diagnostic evaluation for decision as to eventual aptitude for qualified military service or discharge. Six diagrams, no references.

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CZECTOSLOVACIA

HAVASSY, I.; KONA, E.; Institute of Experimental Biology, Slovak Academy of Sciences, and the Institute of Pathological Physiology, Veterinary Faculty (Ustav Experimentalnej Biologie SAV a Ustav Patologuckej Fyziologie Vet. Fak.), Kosice.

"Glucose in the Blood and Hexoses Combined with Proteins of Blood Serum in Sheep in Posthemorrhagic Anemia."

Prague, Geskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 376

Abstract: The investigation was conducted under conditions of a strong anomic stress. 4 Merino sheep were fed during the experiment hay ad libitum; 1850 ml of blood was removed from each sheep in 5 operations. Under the conditions of the blood removal and blood Formation the content of hexoses combined with blood serum proteins, and the content of glucose increased; after 38 days the values returned to normal. The authors exclain this process by the delay required for the reestablishment of the dynamic equil-3 Westibrium between the free glucose and the combined hexoses. orn references. Submitted at the 3 Days of Physiology of Domestic Animals at Liblice, 8 Dec 65.

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CHEC COSLOVARIA

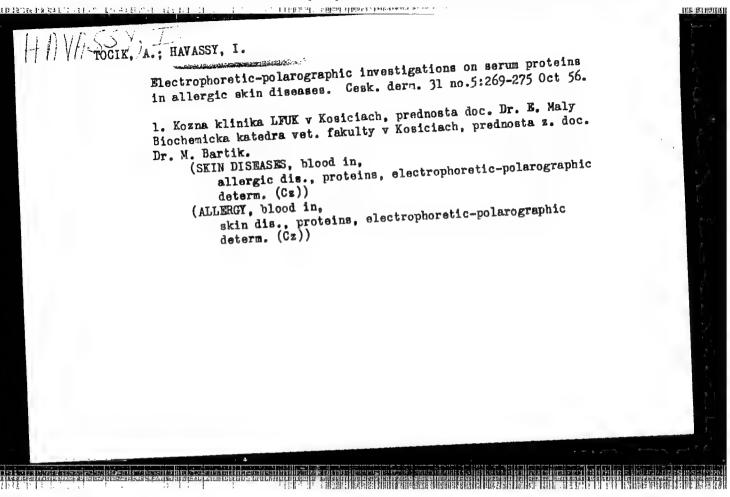
KOMA, E.; <u>HAVAUSY</u>, I.; Institute of Pathological Physiology, Veterinary Faculty, and Institute of Experimental Biology, Slovak Academy of Sciences (Ustav Patologickej Fyziologie Veterinarskej Fakulty a Ustav Experimentalnej Biologie SAV), Kosice.

"Study of the Distribution of Glucose Between the Red Corpuscles and the Plasma in Adult Sheep."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 380

Abstract: The red corpuscles of adult sheep contain no glucose or very little. Admistration of rlucose or of a physiological solution increases the glucose content of the corpuscles. The concentration level in healthy sheep romains unchanged for long periods. 3 Western references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 8 Dec 65.

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DIT NOTE - STREETE EEROOFISCH VERMETETETSERFENNEHERBER REPOLETENSCHAFTERDIEN, DET EL OM 7 EE 25-7-50. EER DIT GARDEN HEER BESTELL EN FERE

#### CZECHOSLOVAKIA

KONA, E.; HAVASSY, I.; ZIMMERMANN, J.; KADUK, J.; Institute of Pathological Physiology, Veterinary Faculty, College of Agriculture (Ustav Patologickej Fyziologie Veterinarskej Fakulty VSP), Kosice.

"Some Biochemical Changes in the Blood of Sheep After Intensive Bleeding."

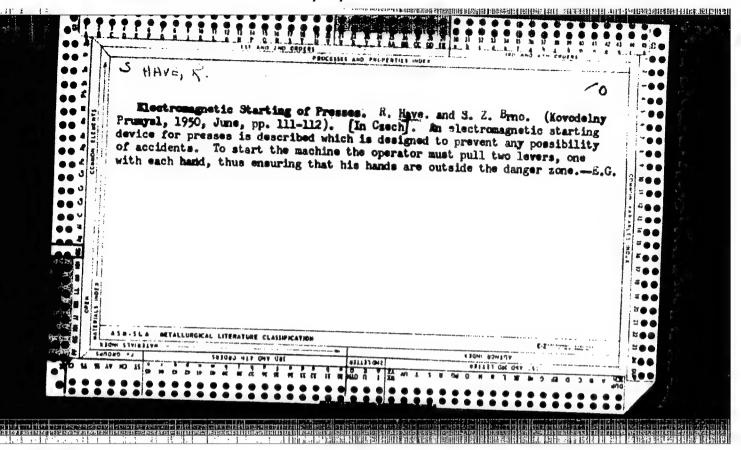
Prague, Veterinarni Medicina, Vol 11, No 8, Aug 66, pp 517 - 522

Abstract /Authors' English summary modified 7: The response of certain intermediary metabolites in the blood of adult sheep to a blood letting of 1850 ml of blood within 10 days was investigated for a period of 38 days. The curves of the levels of glucose, hexoses bound to serumproteins, and beta-hydroxy-butyric acid show a maximum increase between the 5th and 11th days after blood letting and a second maximum after 20 days. Non-esterified fatty acids show an increase to a maximum on the 5th day and then decrease steadily. Albumins and gammaglobulins reach a minimum on the 11th day, and then start increasing. No changes of serum amino nitrogen and alpha globulins were observed. 1 Figure, 22 Western, 4 Czech references. (Manuscript received 1/1

FARKAS, Laszlo (Budapest); HAVASSY, Pal, epiteszmernok (Budapest); TOMBOR, Tibor (Budapest)

Up-to-date housing of the Hungarian National Library in the Buda Castle. Term tud kozl 7 no.4:176-180 Ap '63.

1. Orszagos Szechenyi Konyvtar osztalyvezetoje (for Tombor).



Altons

CZECHOSLOVAKIA

HAVEL, A; SOJKOVA, M; MORAVEK, J; LITOMISKA, A; REIL, I.

1. Tuberculosis Ward UVN (Oddeleni tuberkulozy UVN), Prague; 2. Research Institute of Tuberculosis (Vyzkumny ustav tuberkulozy), Prague

Prague, Rozhledy v tuberkulose, No 5, 1963, pp 316-323

"Comparison of the Results Obtained by the Direct and Indirect Methods in Studies of Mycobacterial Drug Sensitivity."

CZECHOSLOVAKIA

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SKALICKA, L; HAVEL, E., MD; HRNCIR, Z.

Internal Medicine Department of the Hospital OUNZ
 (Vnitrni oddeleni nemocnice OUNZ), Hradec Kralove;
 Eye Ward of the Polyclinic (Ocni oddeleni polikliniky), Novy Bydzov (for Havel);
 Rheumatological Council KUNZ (Romer & Revmatologicka poradna KUNZ)
 Hradec Kralove

Prague, Vnitrni lekarstvi, no 11, 1963, pp 1108-1111

xXXxx "Pathological Changes of the Cornea and Regt Retina Accompanying Chloroquin Therapy of Internal Rixe Diseases."

SUCHOMEL, Jiri, inz.; HAVEL, Frantisek, inz.; STRNADOVA, Zdenka

Use of mathematical methods in the economy of the dairy industry. Prum potravin 14 no.2:57-61 F '63.

1. Vyzkumny ustav mlekarensky, Praha.

SUCHOMEL, Jiri, inz.; HAVEL, Frantisek, inz.

Use of mathematical methods in reducing the transportation costs in the dairy industry. Prum potravin 14 no.11:564-567 N.63.

1. Vyzkumny ustav mlekarensky, Praha.

ACC NR. APGOOLOST	SOURCE	CODE: CZ/0081/65/09	0/002/0191/0193
AUTHOR: Havel, Ivan-Ga	vel, I. (Prague)		0 +1
ORG: none			27
TITLE: Completeness-num	ber of a finite graph		B
SOURCE: Casopis pro pes	tovani matematiky, v. 90,	no. 2, 1965, 191-193	
TOPIC TAGS: graph theor			
		16,44155	
finite nondirected graph is proved. [JPRS]	escribes a method of adjo G without isolated verti	ining a graph $G^*$ to a ces. The equality $\omega$	G) = X(G')
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HAVEL, J.; JIROUSEK, Fr.; SEBOR, J.

Our experiences with strangulated obturator hernia. Rozhl. chir. 38 no.7:490-494 July 59

1. II. chirurgicka klinika lekarske fakulty UK, pobocka Plzen, prednosta doc. dr. J. Spinka.
(HERNIA, INGUINAL, compl.)

ANDEL, Z.; HAVEL, J.

Comments on right hepato-lobectomy and its sequelae. Cesk. gastroent. vyz. 15 no.2:128-134 Mr '61.

1. II chirurgicka klinika Lekarske fakulty KU v Plzni, prednosta doc. dr. Josef Spinka.

(LIVER surg)

HAVEL, J.; ANDEL, Zd.; VALENTA, J.; ZUNA, Vl.

Perforation of the gastrointestinal tract by swallowed foreign bodies. Cesk. gastroent. 16 no.1:65-67 Ja '62.

1. I. chirurgicka klinika lek. fak. KU v Plzni, prednosta doc. dr. Spinka.
(FOREIGN BODIES)

(STOMACH) (INTESTINAL PERFORATION)

CIA-RDP86-00513R000617920005-1" APPROVED FOR RELEASE: 09/19/2001

HAVEL, J.; MANHAL, J.

Our experiences with intestinal malrotations. Rozhl. chir. 42 no.2:126-129 F '63.

1. I. chirurgicka klinika lekarske fakulty KU v Flzni, prednosta 'doc. dr. J. Spinka.

(INTESTINAL OBSTRUCTION) (UMBILICAL HERNIA)

(INTESTINAL OISTRUCTION) DISRASES)

### HAVEL, J.

Electric lighting in agriculture. p.231. v. Automatic equalization of the power factor. p.232.

FIRATROTECHNIK (Ministerstvo tezkeho strojirenstvi) Fraha, Czechoslovakia Vol.14, no.7, July 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11 Nov. 1959 Uncl.

The multiplication of frequency by mixed numbers.

p. 306 (Sdelovaci Technika. Vol. 5, no. 10, Oct. 1 57. Fraha, Czechoslovakia)

Nonthly Index of East European Accessions (EFAI) IC. Vol. 7, no. 2,
February 1958

HAVEL, J.

Electronic generator of random sequences. P 735

SIABOPROUDY OBZOR (Ministerstvo vscobenibe strojirenstvi, Ministerstvo spoju a Ceskoslovenska vedecko-technicka spolecnost, sekco elektrotechnika) Praha, Czechoslovakia, Vol. 20, no. 12 Dec. 1959

Menthly List of East European Accessions (EEAI), LC. Vol. 9, no. 2, Feb. 1960

Uncl.

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NEMEC, J.; HAVEL, J.; DUSEK, J.; KALENICEK, O.

Bowen's disease of the conjunctiva and cornea. Cesk. oftal. 20 no.3:215-218 My '64.

l. Ocni klinika lekarske fakulty PU [Palackeho Universita] v Olomouci (prednosta prof. dr. V. Vejdovsky), Ocni oddeleni OUMZ [Obvodni ustav narodniho zdravi] v Prereove (vedouci MUDr. J.Havel), Ustav patologicke anatomie lek. fakulty PU [Palackeho Universita] v Olomouci (prednosta doc. dr. V.Valach) a Ustredni rentgenologicky ustav fakultni nemocnice v Olomouci, (vedouci doc. dr. J.Doubravsky).

SOMMER, L.; HAVEL, J.

Reactions of niobium (V) with 1, 8-dihydroxynaphthalene-3,6-disulfonic acid and with 3,4-dihydroxybenzoic acid. Coll Cz Chem 29 no. 3:690-715 Mr 164.

1. Institute of Analytic Chemistry, Purkyne University, Brno.

Z/039/60/021/07/008/037 E140/E535

AUTHOR: Havel, Jan, Engineer

Unitised Transistor Flip-flop with Neon Indication TITLE: PERIODICAL: Slaboproudý obzor, 1960, Vol 21, No 7, pp 409-412

ABSTRACT: A description of a standard transistor flip-flop

operating to 200 kc/s is given. Its use in a decade counter is described. A neon relaxation oscillator is

employed for indication.

There are 10 figures and 2 references, 1 of which is

Czech and 1 English.

ASSOCIATION: Ustav teorie informace a automatizace CSAV (Information Theory and Automation Institute, ČSAV)

SUBMITTED: March 3, 1960

Card 1/1

45780

S/194/62/000/012/094/101 D413/D308

9,2560

Havel, Jan

TITLE:

A switching circuit using glow-discharge tubes for indicating the state of transistorized trigger circuits

PERIODICAL:

Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 108, abstract 12-7-215 c (Czech. pat., cl. 21g, 12/04; cl. 21g, 38, no. 100511, Aug. 15,1961)

TEXT: A circuit for indicating the state of transistorized trigger circuits is proposed which uses glow-discharge tubes (GDT) with an auxiliary DC source. The GDT is connected in parallel with a capacitor and potentiometer; this forms a relaxation circuit. This indicating circuit has one pole connected to the trigger and the other to the auxiliary DC potential source, which is connected in series with the trigger. When the trigger is in its 0 state, a voltage is set up by the potentiometer across the GDT such that it is on the edge of striking. When the trigger goes over to its 1 state, the voltage across the indicator circuit increases and the GDT lights up. If

Card 1/2

A switching circuit ...

S/194/62/000/012/094/101 D413/D308

the current through the potentiometer is less than the maximum current through the GDT, then it will stay lit until the capacitor discharges to the extinction voltage, after which the capacitor charges up again. If the trigger is in the 1 state the whole time, the voltage across the capacitor rises again and the GDT strikes. This repeats itself at a rate determined by the potentiometer and capacitor, until the trigger goes over to state 0. For multiple indication with a large number of GDTs and a single auxiliary DC source, the strike voltage for each GDT can be set by its potentiometer. Wide voltage range and gas-discharge tube stabilization. The cirfor indication), and satisfies the requirements for miniaturization. Abstracter's note: Complete translation.

iX

Card 2/2

HAVEL, Jan, inz. CSc.; CULEK, Antonin

Special counter circuits with dekatrons. Slaboproudy obzor 25 no.12: 707-714 1644.

1. Institute of Information Theory and Automation of the Czechoslovak Academy of Sciences, Prague. Submitted May 25, 1964.

HAVEL, Jan,inz.; CULEK, Antonin

Modules for transistorized circuits. Slaboproudy obzor 22 no.5:
298-302 '61. (EFAI 10:7)

1. Ustav teorie informace a automatizace Ceskoslovenske akademie ved.
(Transistor circuits)

2/039/63/024/002/003/006 E140/E163

AUTHOR:

Havel, Jan, Engineer

TITLE:

A probability transformer

PERIODICAL: Slaboproudý obzor, v.24, no.2, 1963, 83-88

The article describes a means for obtaining other than TEXT: p = 0.5 in a two-valued random binary process. The method consists in comparing the binary value represented by a certain number of bits in a serial realization of the binary random process  $p_1 = p_2 = 1/2$  to a fixed binary number representing a threshold below which one value of the output process is realized, and above which the other value is realized. In a ten-bit model the output probability of "1" can thus be chosen to have any value from 0 to 1 in steps of 0.001 approximately. There are 8 figures and 1 table.

ASSOCIATION: Ustav teorie informace a automatizace, Praha

(Institute of Information Theory and Automation,

Card 1/1 Prague)

SUBMITTED: July 19, 1962

CIA-RDP86-00513R000617920005-1" APPROVED FOR RELEASE: 09/19/2001

HAVEL, Jan, inz.

Experimental model of a simple production line. Automatizace 7 no.2:29-33 F'64

1. Ustav teorie informace a automatizace, Ceskoslovenska akademie ved.

ACCESSION NR: AP4017188

2/0039/64/025/003/0145/0151

AUTHOR: Havel, Jan (Engineer, candidate of sciences)

TITLE: Equipment for generating random processes

SOURCE: Slaboproudy obzor, v. 25, no. 3, 1964, 145-151

TOPIC TAGS: random process, pseudorandom number, random process generator, random number generator

ABSTRACT: A general review is given of the principles of electronic random process and random number generators. Pseudorandom numbers are explained on the basis of an English-language article by G. Marsaglia (Transactions of the Third Prague Conference [on Computers], in press]. Block diagrams and brief descriptions are presented of 11 random process or random number generators, including two Czech and two Soviet. The two Czech random process generators, developed by the UTIA of CSAV, were described by this author in two articles, one English (Kovoexport, Vol 6, 1962, pp 8-12), the other Czech (Slaboproudy obzor, Vol 20, 1959, No 12, pp 735-740). The two Soviet random number generators were described in two Russian articles, one by Neyman and Paramonov (Problemy\*

Card 1/2

ACCESSION NR: AP4017188

peredachi inf. AN SSSRk 1961. 9. pp 87-102), the other by Golenko and Smiryagin Publications of the Mat. Inst. of the Hungarian Academy of Sciences. Vol V. ser. A. No 3. 1960. pp 241-253). Orig. art. has: 5 formulas. 8 diagrams. 2 photographs.

ASSOCIATION: Ustav teorie informace a sutomaticace CSAV. (Institute for the Theory of Information and Automation)

SURVITTED: 21Aug63

DATE ACQ: 23Mar64

ENCL: 00

SUB CODE: SP, CP

NO REF SOV: 005

OTHER: 012

Card 2/2

L 1720-66

ACCESSION NR: AP5024076

CZ/0038/64/025/012/0707/0714

AUTHOR: Havel, Jen (Engineer, Candidate of sciences); Gulek, Antonin

TITIE: Special counters designed with decatrons

SOURCE: Slahoproudy obzor, v. 25, no. 12, 1964, 707-714

TOPIC TAGS: electronic component, circuit, design, circuit reliability

ABSTRACT: The application of various types of decatrons to special counter circuits is discussed. One Czech (11TU7, by TESLA), two Soviet (0G3 and 0G4), one British (GS10D) and two Swiss (EZ10B and ECT10O) decatrons are compared, and the operational reliability of the Czech product is termed inadequate. Circuit diagrams, photographs and detailed descriptions are given of special (preset and reversible) counters designed with decatrons. Orig. art. has: 12 figures.

ASSOCIATION: Ustav teorie informace a automatizace CSAV, (Institute of the Czechoslovak Academy of Sciences CSAV)

SUBMITTED: 25May64

ENCL: 00

SUB CODE: EC

NR REF SOV: 000

OTHER: 006

**JPRS** 

Card 1/1 DP

HAVEL, J.

Suppurative pylephlebitis of appendical origin in a 4-year-old child. Rozhl. chir. 44 no.10:700-702 0 '65.

1. I. chirurgicka klinika lekarske fakulty Karlovy University v Plzni (prednosta doc. dr. J. Spinka).

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617920005-1"

A CANADA AND A CAN

HAVEL, J.; HOVAK, V.

Omphalocele and gastroachisis. Rozhl. chir. 44 no.10:713-719
0 '65.

1. I chirurgicka klinika lekarske fakulty Karlevy University
v Plani (prednosta doc. dr. J. Spinka).

HAVAS, J., MUDr.; HAVLIK, A., MUDr.

Gynecological mass screening action in a metropolitan health district. Cesk. zdrav. 13 no.9:472-476 S '65.

1. Okresni gynekolog, Obvodni ustav narodniho zdravi Praha 5 (for Havas). 2. Gynekologicke oddeleni, Obvodni ustav narodniho zdravi Praha 5 (for Havlik).

ACC NR. AP6032763

CZ/0080/66/000/009/0239/0242 SOURCE CODE:

AUTHOR: Havel, J. (Engineer, Candidate of sciences); Skrivanek, J. (Engineer)

ORG: Institute of Information Theory and Automation, CSAV, Prague (Ustav teorie informace a automacizace CSAV)

TITLE: Certain probability problems and their solution by modeling

SOURCE: Automatizace, no. 9, 1966, 239-242

TOPIC TAGS: probabilistic automaton, analog computer, analog differential analyzer, mathematic model, model theory, Monte Carlo method

ABSTRACT: After a brief discussion of numerical modeling for the solution of probability problems, the ADAPP computer is described (Analog Differential Analyzer for solving Probability Problems) developed at UTIA of CSAV, which is employed with sectional equipment for modeling random processes. It has enough integrators to model the input filters and form continuous random processes, also quadrators to find mean values and divergences. A summator is activated by a compensation current controlled by a potentiometer. Integrators are controlled independently to govern computing circuits, memory cells, numerical voltmeter, and printer in order to record partial and commulative results. The computer has both times and leveled releases. Other equipment models random processes, such as a succession of independent variables with two values, stipulated probability, successive timed variables with a given mean

519.2 UDG:

62.001.57

ACC NR: AP6032763

value and divergence, continuous Gaussian distribution with a given mean value and autocorrelative functions. An example is given of solving problems in automobile spring suspension involving six variables: wheel acceleration, body acceleration, vertical and lateral forces on spring hangers, and interrelation of these with driver acceleration. These processes were solved by the Monte Carlo method as applied to tests with model cars, tires, road surfaces, and strain on the driver. A second type of problem was solved involving timing of operations along an industrial assembly line. The third type of modeling problem is illustrated by determining the time lag from a sharp increase in voltage in a reverse current circuit to the point where it causes a line breakdown. Orig. art. has:: 1 formula and 7 figures.

SUB CODE: 09, 12/ SUBM DATE: none/ ORIG REF: 007

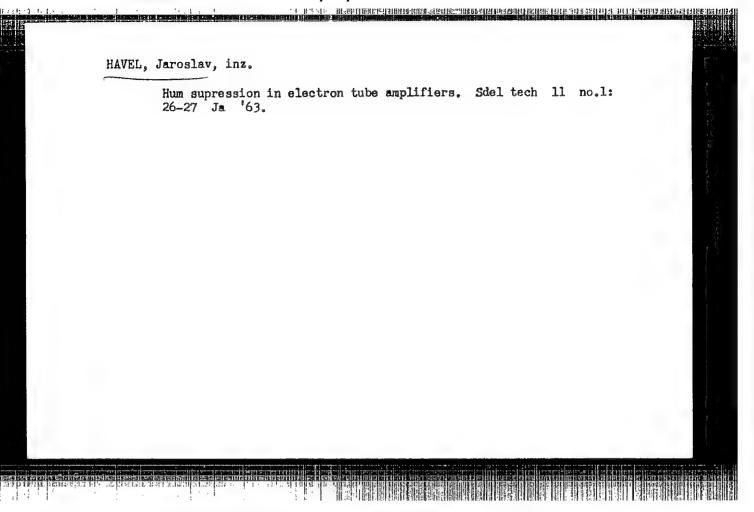
Card 2/2

HAVEL, Jaroslav; KONDR, Miroslav

Equipment for pre ise operation of the refueling machine.

Jaderna energie 10 no.11:392-394 N '64.

1. Zavody V.I.Lenina National Enterprise, Plzen.

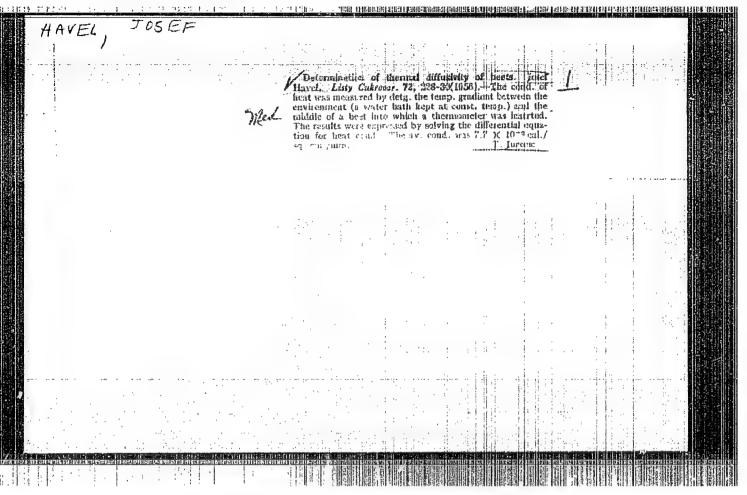


पर्यापः । अध्ययमञ्जूष्य विकास स्थापन्ति । स्थापन्ति । स्थापन्ति । स्थापन्ति । स्थापन्ति । स्थापन्ति । स्थापन् EWP(c)/EWP(v)/T/EMP(k)/EWP(1) IJP(c) L 29429-66 ACC NR AP6006157 SOURCE CODE: CZ/0078/65/000/010/0019/0019 (A) AUTHOR: Svoboda, Jan (Plzen); Andrlik, Vaclav (Plzen); Havel, Jaroslav (Engineer. Plzen) **考虑的思想** ORG: None A method for the automatic recording of defects in materials CZ Pat. No. PV 3200-64 SOURCE: Vynalezy, no. 10, 1965, 19 TOPIC TACS: ultrasonic flaw detector, flaw detection ABSTRACT: A method is described for the automatic recording of defects in materials. The defects are detected by an ultra-sound device distinguished by the feature that the defects in the material detected by the ultrasonic probe of a detectoscope act upon the recorder, which traces a topographic record in rectangular coordinates. The reflected ultrasound is converted to electrical pulses in such a way that the movement of the recorder is disturbed or interrupted and synchronized with the forward movement of the conveyer in one direction. At the same time the movement of the recording drum is mechanically synchronized with the reverse movement of the carrier in the reverse direction which is perpendicular to the first movement. SUB CODE: 14/ SUBM DATE: 03Jun64

DERI, Erno, tanar; HAVEL, Jeno, tanar; KATONA, Mihaly

Trade-union political schools in 1963-64. Munka 14 no.3:
22-23 Mr 164.

1. Szakszervezetek Orszagos Tancsa Iskolaja (for Deri and Havel).
2. Szakszervezetek Orszagos Tanacsa kulturalis osztalya (for Katona).

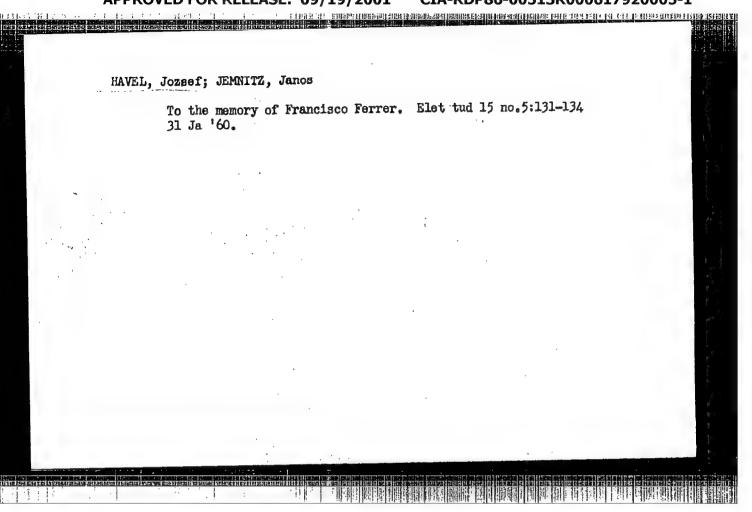


## HAVEL, Jozsef (Szolnok)

Is the modified plan documentation an innovation? Ujit lap 13 no.2: 31 Ja 161.

1. Epitesugyi Miniszterium Szolnokmegyei Allami Epitoipari Vallalat villamos epitesvezetoje.

(Hungary—Construction industry) (Hungary—Economic policy)

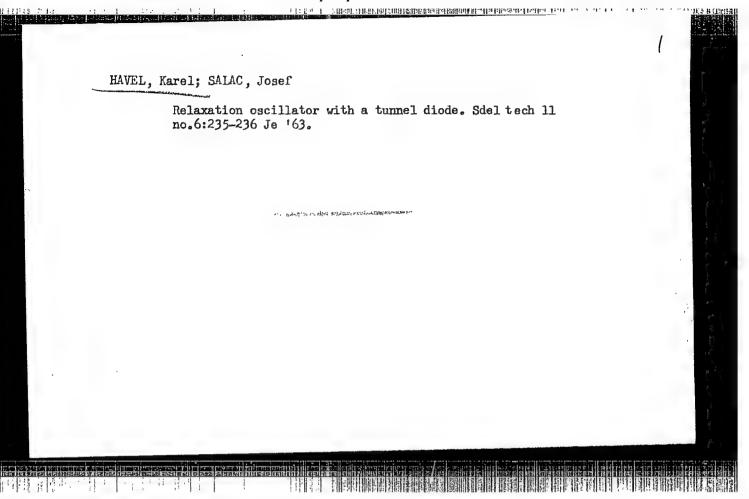


# HAVEL, Josef, inz.; Planning and controlling of technical development tasks. pod org 17 no.7:310-311 yl '63. 1. Agrostroj, Jicin.

HAVEL, Josef

Mechanization of finishing work in the local building industry.
Pos stavby 13 no.1:27-30 '65.

1. Development Worksite of the North Bohemia Megional People's Committee, Novy Por.



KUTHEN, J.; JAMECKOVA, E.; HAVEL, M.

On dihydropyridine. Pt. 5. Coll Cz Chem 29 no.1:143-151 Ja'64

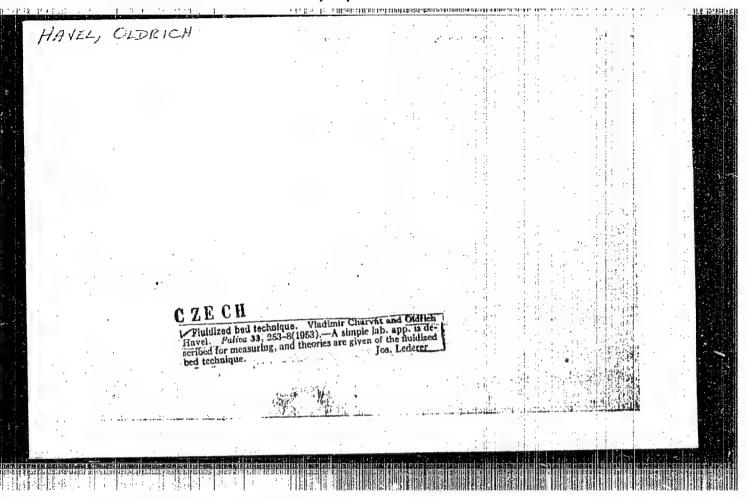
1. Institut fur organische Chemie und Institut fur analytische Chemie, Technische Hochschule fur Chemie, Prag.

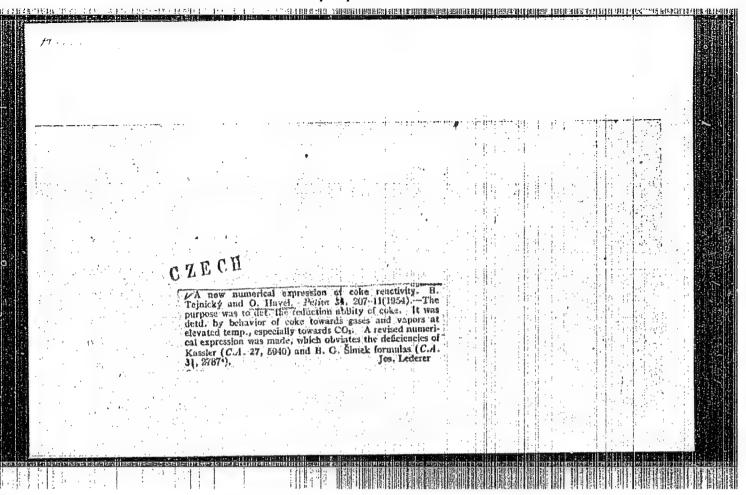
HAVAS, Miklos, okleveles gepeszmernok

Theory and methods for investigating yarn slip in fabrics.

Magy textil 15 no.8:358-360 Ag '63.

1. KERMI.

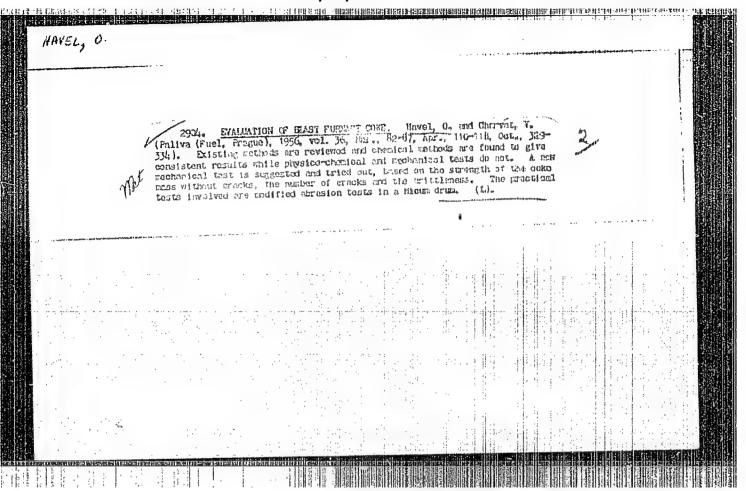


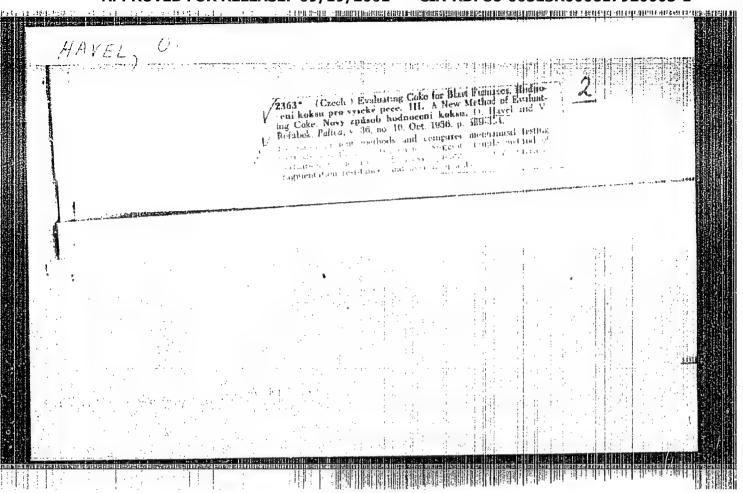


HAVEL, O.; CHARVAT, V.

"Technical Problems of Suspended Layers", P. 217, (PALIVA, Vol. 34, No. 8, August 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (ERAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.





#### CIA-RDP86-00513R000617920005-1 "APPROVED FOR RELEASE: 09/19/2001

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their

Application. Chemical Processing of Solid Possill

Fuels.

: Ref Zhur - Khimiya, No 10, 1959, 36306 Abs Jour

: Lazarev, I., Havel, O. Author

Inst

An Investigation of Iron Coke Production. Title

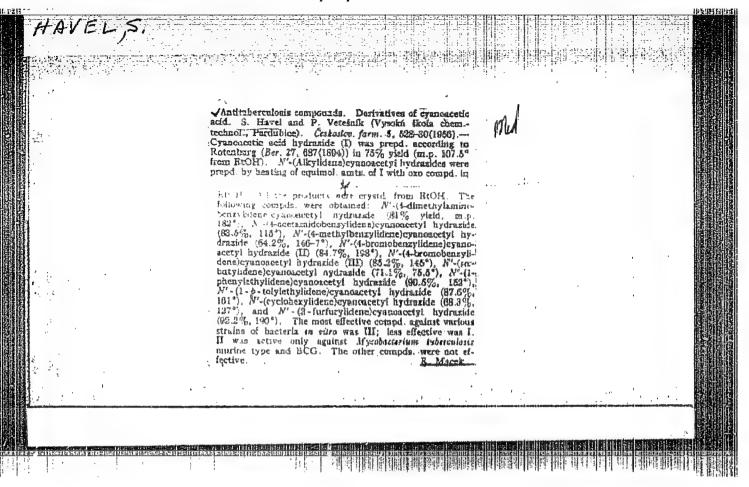
: Paliva, 1958, 38, No 8, 265-269. Orig Pub

: There were carried out laboratory, pilot plant and indus-Abstract

trial experiments on the production of iron coke (IC) from schist, into the composition of which enter coal of two formations and an ore. At the industrial experiments, 1607 tons of IC were processed, schist included 11.6% of ore; its hamidity, on the average, was 12.65. It was established that the coking process took place without complications; the coke yield increased 13%, including 3% of metallurgical coke; the yield of chemical

Card 1/2

4-118.



CZECHOSLOVAKIA/Chemical Technology - Lacquers. Paints. Coatings. H - 30

: Ref Zhur - Khimiya, No 24, 1958, 83637 Abs Jour

Weigner, J.A., Kratochvil, P., Kudlacek, Vl., Havel, St. Author

Inst

Para Cresol as a Side Product in the Manufacture of New Title

Varnishes.

: Chem. prumysl, 1956, 6, No 6, 221-225. Orig Pub

Abstract No abstract.

Card 1/1

APPROVED FOR RELEASE: 09/19/2001
CZECHOSLOVÁKIA/Physical Chemistry - Thermodynamics CIA-RDP86-00513R000617920005-1

Thermochemistry, Equilibria, Physical-Chemical

Analysis, Phase Transitions.

: Referat Zhur - Khimiya, No 1, 1958, 418 Abs Jour

: Stanislav Havel, Antonin Pospisil, Pavel Kratochvil, Author

Vladimir Kudlacek.

Inst

Ternary Systems Water - Benzene - Allyl Alcohol and Water -Title

Toluene - Allyl Alcohol.

: Chem. prumyst, 1957, 7, No 5, 248-253 Orig Pub

The equilibrium liquid - liquid in the ternary systems Abstract

water - benzene - allyl alcohol and water - toluene - allyl alcohol was studied at 25°. The refraction indices and densities of the ternary systems were measured at 300. The composition of liquid equilibrium phases was determined. Triangular graphs of solubility with binodals and

nodes shown on them were plotted. A correlation of

Card 1/2

CZECHOSLOVAKIA/Physical Chemistry - Thermodynamics,

B-8

Thermochemistry, Equilibria, Physical-Chemical Analysis, Phase Transitions.

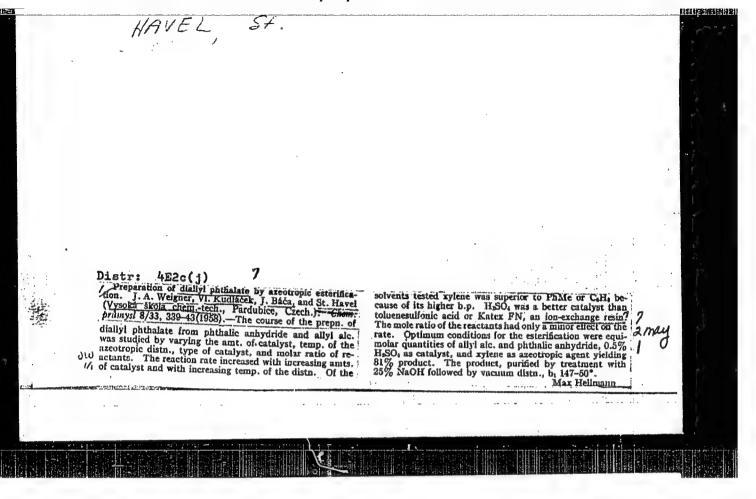
Abs Jour

: Ref Zhur - Khimiya, No 1, 1958, 418

experimental data according to Ottmer-Tobias and Bachmann-

Hand was carried out.

Card 2/2



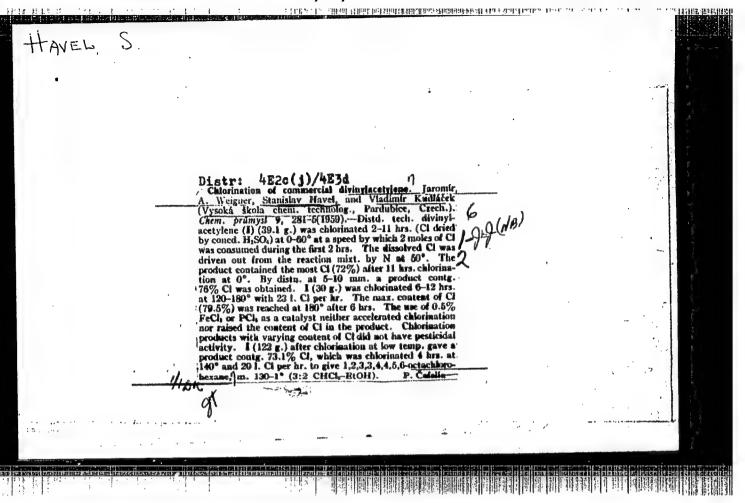
HAVEL, S.

TECHNOLOGY

PTRIODICAL: CTEMICKY PRUTYSL, VOL. 11, no. 3, 1958

Havel, S. Polarographic determination of hydroxylamine and nitroethane. p. 526.

Monthly List of East European Accessions (EEAI), IC, 701. 8, no. 5, May 1959, Unclass.



### HAVEL, S.

Preparation and properties of organic permeatic acids. p. 811.

CHROMICKE LISTY (Cheskoslovenska akademic ved. Cheskuslovenska spotlenost chemicks) Praha, Czechoslovakia. Vol. 73, No. 8, Aug. 1950.

Monthly List of East European Accessions (SEAT) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

HAVEL, S.

Use of organic peracetic acids. p.928.

CHEMICKE LISTY (Chekoslovenska akademic ved. Cheskaslovenskd spotlenost chemicks) Paraha, Czecheoslovakis. Vol.53, no.9, Sept.1959.

Monthly List of East European Accessions (EFAI) LC, Vol.9, no.1, Jan.1960.

Uncl.

BONOS z/009/60/000/01/004/038 E112/E253

5.3400

Havel, S., and Weigner, J. A AUTHORS:

The Oxidation of Phenanthrene With Peracetic Acid

TITLE: PERIODICAL: Chemický průmysl, 1960, Nr l, pp 10-16

ABSTRACT: The authors have studied the production of diphenic acid by oxidation of technical phenanthrene with peracetic acid, prepared in situ from hydrogen peroxide and glacial acetic acid. They have investigated different factors affecting yields and have attempted an interpretation of the reaction mechanism. In their studies they have followed closely experimental details given by O'Connor and Marriconi (Ref 20) who were the first to prepare diphenic acid in good yields by a one stage oxidation from phenanthrene. The oxidation medium in the present paper was 70.1% hydrogen peroxide in a solution of glacial acetic acid in presence of sulphuric acid as a catalyst. The molar proportion of hydrogen peroxide to phenanthrene was 14:1, oxidation time 3 hours at 90°C. Diphenic acid was obtained in a 74% yield calculated on the phenanthrene content of

crude phenanthrene. Card 1/3

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617920005-1"

**3**0430 z/009/60/000/01/004/038 E112/E253 The Oxidation of Phenanthrene With Peracetic Acid The mechanism of the reaction is given as follows: Step Nr 1. Oxidation of phenanthrene to 9.10-epoxy-9.10-dihydrophenanthrene. The authors have proved that the oxidant was the peracetic acid and not Step Nr 2. Hydrolysis to 9.10-dihydroxy, 9.10-dihydrophenanthrene. Step Nr 3. Oxodation to phenanthraquinone. oxidants in this step may be either peracetic acid Step Nr 4. Oxidation to diphenic acid. This proceeds according to the well known oxidation of o-quinones to di-carboxylic acids by means of peracids. It is suggested that diphenic acid may find applications in the field of macromolecular chemistry e.g. for the preparation of polyamides, alkyd resins by reaction with glycerol, for the production of polyesters and for plasticisers. These polymeric materials should be particularly suitable Card 2/3

80µან Z/009/60/000/01/004/038 E112/E253

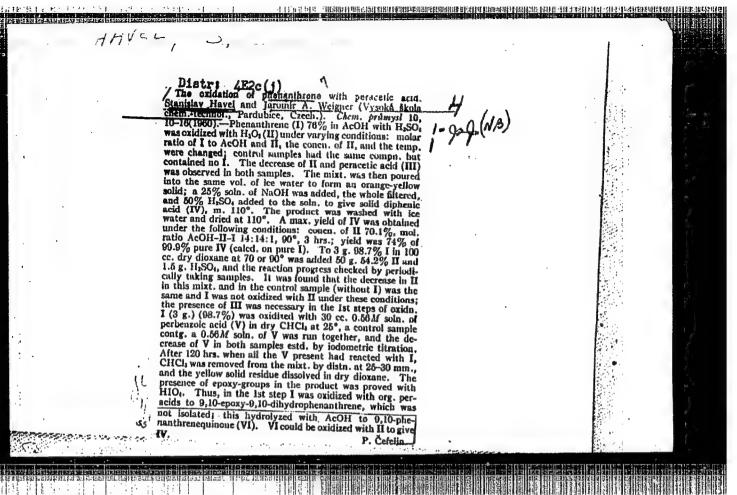
The Oxidation of Phenanthrene With Peracetic Acid

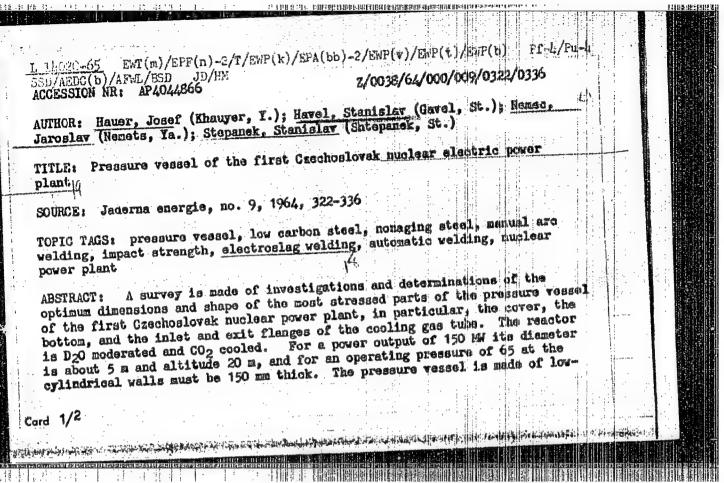
where a high thermal stability is required. There are 7 figures, 1 table and 47 references, 25 of which are English, 9 Soviet, 2 Dutch, 1 Italian, 3 Czech and 6 German.

ASSOCIATION: Katedra organické technologie, Vysoká škola chemicko-technologická, Pardubice (Department of Organic Technology, University of Chemical Technology, Pardubice)

SUBMITTED: October 5, 1959

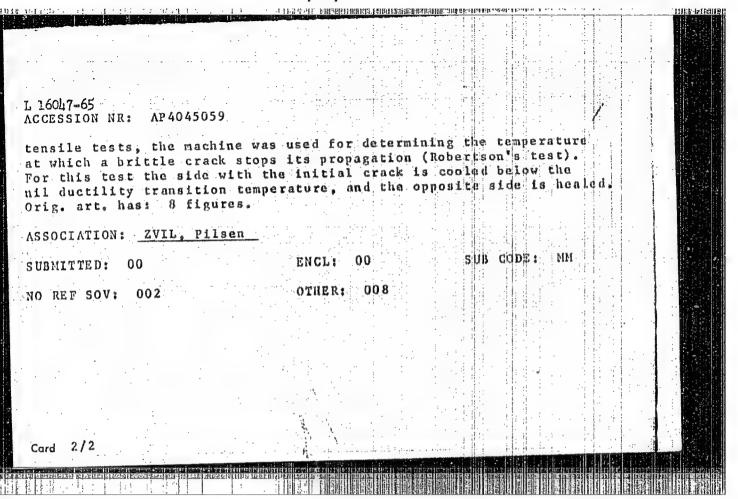
Card 3/3

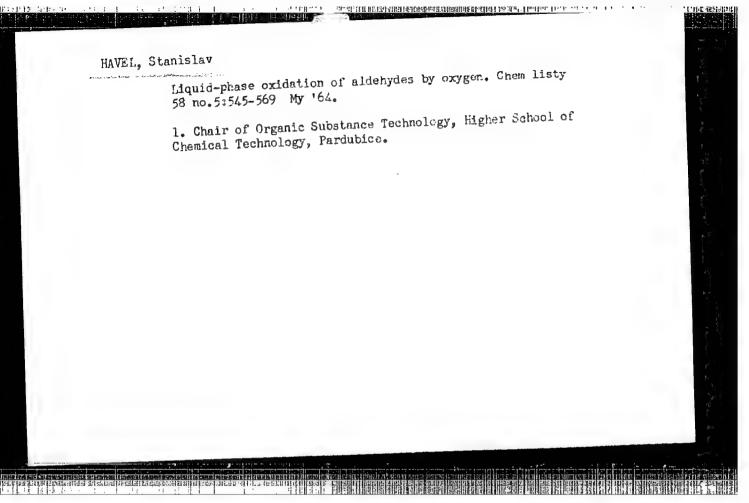




。 (1914年) - 17、《中国》(1916年) - 1817年 - 1818年 - L 14020-65 ACCESSION NR: AP4044866 carbon, small-grain, non-aging steel having good mechanical properties, especially impact strength, and a minimum of permissible defects. The investigation shows that both manual are welding and automatic electrosiag walding can be successfully used for welding the heaviest parts of the pressure vessel. A program has been set up for investigating brittle hardness and the results are being checked on a model of the pressure vessel to Orig. art. has: 32 diagrams and 3 formulas. ASSOCIATION: Zavody V. I. Lenina, Plaen. SUB CODE: EKCL: SUBMITTED: OTHER: 00 NO REF SOV: 002 Card 2/2

र ने राहि हो तो र ने निविद्यम विकास मिन्न के सिक्स के सिक्स मिन्न मिन्न के सिक्स के स्वास के स्वास के स्वास के साम के साम के साम कर साम के L 16017-65 EWT(m)/EWP(w)/EWA(d)/EWP(t)/EWP(b)
ACCESSION NR: AP4045059 ASD(f)-2/AFTC(p) JP/EM 2/0032/64/014/009/0686/0691 AUTHOR: Kalna, K. (Engineer); Havel, S. (Engineer) TITLE: Experimental research on the strength of large bodies SOURCE: Strojirenstvi, v. 14, no. 9, 1964, 686-691 TOPIC TAGS: crack propagation, crack propagation test, brittle failure, brittle failure test ABSTRACT: A tensile-test machine with a capacity of 6000 Mp has begun operation at the Lenin Works (the former Skoda Works in Pilsen) primarily for testing steels intended for the pressure vessels of nuclear reactors for susceptibility to brittle failure and for resistance to crack propagation. The machine's heating and cooling attachments enable the tests to be conducted at any temperature from -40 to +300C. The test specimens can be up to 200 mm thick, 1200 mm wide. and 1500-3500 mm long. The length of the working stroke is 60 mm, but it can be increased to 250 mm by stepwise testing. Cracks in specimens are initiated by a pneumatic hammer. In addition to regular 1/2 Card



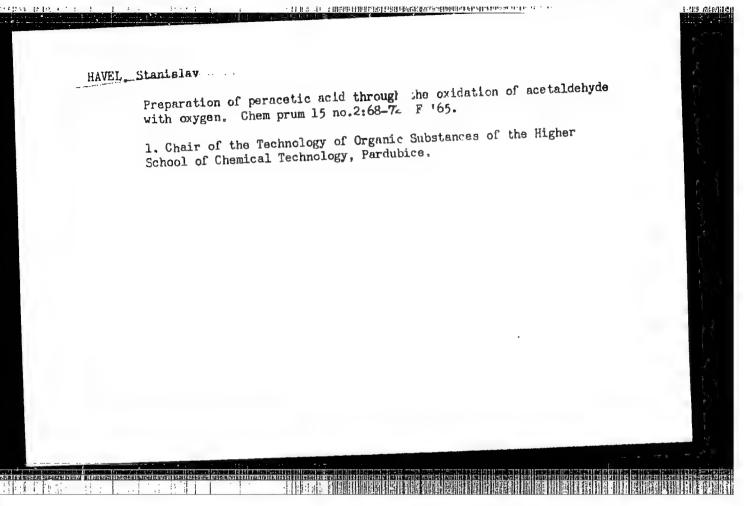


HAUER, Josef; HAVEL, Stanislav; NEPEC, Jaroslav; STEPANEK, Stanislav

Pressure vessel of the first Czechoslovak nuclear power plant.
Jaderna energie 10 no.9;322-336 S '64.

1. Zavody V.I. Lenina National Enterprise, Plzen.

Time I the property of the control o KALINA, K., inz., HAVEL, S., inz. Experimental research on the strength of large machine parts. Strojirenstvi 14 no.9:686-691 S '64. 1. Zavody V.I. Lenina National Enterprise, Plzen.



L 00710-67 EWP(m)/EWP(i) WW/JW/JWD/RM ACC NR. AP6019422 SOURCE CODE: CZ/0009/66/000/002/0073/0078 AUTHOR; Havel, Stanislav; Greschner, Jiri ٠, ORG: Department of the Technology of Organic Materials, College of Chemical Technology, Pardubice (Katedra technologieorganickych latek Vysoke skoly chemickotechnologicke) TITLE: Investigation of the explosive properties of peracetic acid Thermodynamic calculation of the explosive parameters of peracetic acid SOURCE: Chemicky prumys1, no. 2, 1966, 73-78 TOPIC TAGS: acetic acid, heat of explosion, liquid explosive, detonation wave ABSTRACT: The paper is the first of two articles devoted to a theoretical and experimental study of the explosive characteristics of peracetic acid. The results of experimental tests will be given in the second paper. It is shown that the previously determined heat of formation for peracetic acid of -63.50 kcal/mol is inaccurate and that the true theoretical value is -91.430 kcal/mol. An approximate equation is given for the heat of explosion based on the theoretical formula for the explosion reaction. The results show a heat of explosion of 396.2 kcal/kg, an explosion temperature of 1193°K, a maximum thermochemical/pressure of 25,880 atm, a gas volume at STP of 1179 dm3/kg, an oxygen balance of -63.1% and a charge density of 1.1037 g/cm3. Exact calculations give a heat of explosion of 900 kcal/kg, an explosive temperature of 2160°K 1/2 Card 547.292 662.23 541-126

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. 345 • 10	4 kom/k	chemical pres g, potential	18ure of 20	,100 atm,	STP gas	volume	01 89	dm <sup>3</sup> /kg	force	of	
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MELKA, J.; PEREGRIN, J.; SIMER, J.; EKRANC, C.; VETELY, C.; HAVEL, V.

The influence of the work day on the higher nervous activity of man in the framework of complex physiological analysis. (Summary of the final report). Activ. nerv. sup. (Praha) 7 no.1:65-66 '65.

्रात्रा । प्राप्तः साम्बर्धाः स्थात्राकृतस्य स्थात्राकृतस्य स्थापन्ति । साम्बर्धाः स्थापन्ति । साम्बर्धाः स्था स्थापन्ति । प्राप्तः साम्बर्धाः स्थापन्ति स्थापन्ति । साम्बर्धाः स्थापन्ति । साम्बर्धाः सम्बर्धाः सम्बर्धाः स

#### CZECHOSLOVAKIA

HAVEL, V., SKRANC, O; Physiological Institute, Medical Faculty, Charles University (Fyziologicky Ustav Lek. Fak. KU), Hradec Kralove.

"The Changes and Relations of the Respiration Quotient During Stepped-up Loading and Recovery."

Prague, <u>Geskoslovenska Fysiologie</u>, Vol 15, No 2, Feb 66, pp 118-119

Abstract: The logarithm of the value of increase of the RQ so-called non-metabolic delta-RQ is a function of the extent of the load, and the delta RQ is a linear function of the delta-lactic acid. The decrease of RQ during recovery is a function of the logarithm of the time, and corresponds to the cube of the value of lactic acid. Delta-RQ of sportsmen is lower than that of the average population; its value for men and men over 60 is drastically higher. The release of CO2 and changes in the RQ at load and recovery are sensitive indicators of the demand on the maintenance of the acid-basic equilibrium. The increase in oxygen demand at loading cannot be predicted. It Western references. Submitted at "16 Days of Physiology" at Kosice, 28 Sep 65.

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617920005-1"

SIMEK, J.; HAVEL, V.; VESELY, C.

Contribution to the study of reticulocytes following phenylhydrazine administration. Gesk. fysiol. 8 no.6:553-554 N '59

1. Fysiologicky ustav. Lek. fak. KU Hradec Kralove.

(EXTENCOTIE COUNT, pharmacol.)

(PHENYLHYDRAZINE, pharmacol.)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617920005-1"

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SIMEK, J.; HAVEL, V.; VEERIY, C.

Nucleic acid metabolism in the bone marrow and in the spleen in mephrectomized and anemized rats. Geek. fysiol. 9 no.1:56-57 Ja 60.

1. Fysiologicky ustav lek. fak. KU, Hradec Kralove.

(BORN MARROW metab.)

(SPLEEN metab.)

(NUCLEIC ACID metab.)

(NEPHREGTOMY exper.)
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MELKA, J.; PEREGRIN, J.; HAVEL, V.; SKRANC, O.; STREK, J.; VESELY, C.

Attempted determination of fatigue during the course of a very strenuous physical work. Pracovni lek. 14 no.5:231-235 Je '62.

l. Katedra fyziologie lekarske fakulty Karlovy university v Hradci Kralove, prednosta prof. MUDr. J. Melka.

(FATIGUE)